



Appl. No. 10/630,241  
Amdt. dated June 21, 2005  
Reply to Office Action of March 22, 2005

**Amendments to the Specification**

1) Please delete the text found at page 1, line 1 – 4.

2) Please insert the following title at page 1, line 1:

**SYSTEM AND METHOD FOR IMPROVING THE PRODUCTIVITY  
OF A WELDING SHOP**

3) Please insert the following paragraph at page 1, line 3:

This application claims the benefit of priority under 35 U.S.C. § 119 (a) and (b) to French Application No. 0209935, filed August 5, 2002, the entire contents of which are incorporated herein by reference.

4) Please insert the following subtitle at page 1, below the above-referenced paragraph:

**Background**

5) Please insert the following subtitle and text at page 3, line 24:

**Summary**

The present invention relates to a method of managing or controlling, especially remotely, an electric arc welding shop in which several welding torches are employed.

6) Please insert the following subtitle and text at page 4, line 22:

**Brief Description of the Drawing**

For a further understanding of the nature and objects for the present invention, reference should be made to the following detailed description, taken in conjunction with the accompanying drawing, in which like elements are given the same or analogous reference numbers and wherein:

- Figure 1 illustrates a schematic representation, according to one embodiment of the current invention, of a weld shop.

- 7) Please insert the following subtitle and text at page 8, line 36:

**Description of Preferred Embodiments**

The present invention relates to a method of managing or controlling, especially remotely, an electric arc welding shop in which several welding torches are employed.

- 8) Please replace the paragraph at page 8, line 36, with the following:

A fuller understanding of the invention will be gained from the description that follows of an example of the implementation of the invention, illustrated in ~~figure~~ Figure 1 appended hereto, in which a wire speed sensor is used.

- 9) Please insert the following paragraph at page 13, line 13:

It will be understood that many additional changes in the details, materials, steps and arrangement of parts, which have been herein described in order to explain the nature of the invention, may be made by those skilled in the art within the principle and scope of the invention as expressed in the appended claims. Thus, the present invention is not intended to be limited to the specific embodiments in the examples given above.

- 10) Please replace the subtitle at page 14, line 1, with the following text:

**~~CLAIMS~~ What is claimed is:**

- 11) Please delete the 16<sup>th</sup> page in its entirety.